



IFW

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/815,074
	Filing Date	March 31, 2004
	First Named Inventor	Stephen Lawrence, et al.
	Art Unit	2171
	Examiner Name	Unknown
Total Number of Pages in This Submission	Attorney Docket Number	53051/294540

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Technology Center (TC)  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  -Form PTO/SB/08 (4 sheets) -34 References -Return Receipt Postcard
<div>Remarks</div>		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael J. Turton, Reg. No. 40,852 Kilpatrick Stockton LLP
Signature	
Date	October <u>7</u> , 2004

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Emily Guida		
Signature		Date	October <u>7</u> , 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen Lawrence, et al.

Serial No.: 10/815,074

Filed: March 31, 2004

For: SYSTEMS AND METHODS FOR WEIGHTING A SEARCH QUERY  
RESULT

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

---

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicant submits herewith on Form PTO/SB/08 a listing of documents known to the Applicant and/or his attorney. Applicant respectfully requests consideration of the cited documents and making the same of record in the prosecution of the above-identified application.

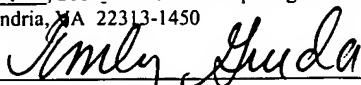
For several of the documents listed in "Non Patent Literature Documents," the date which is shown on the document is listed. Applicant makes no representation as to the publication date, if any, of the document. Copies of the documents are enclosed.

Applicant does not represent or admit that any document listed is prior art or material, and Applicant reserves the right to challenge any assertion that a document

---

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on this 7 day of Oct., 2004, with sufficient postage as first-class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

  
\_\_\_\_\_  
Emily Guida

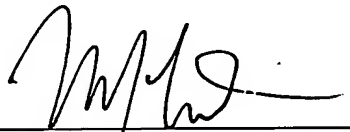
U.S.S.N.: 10/815,074  
Filed: March 31, 2004  
Information Disclosure Statement

listed is prior art or material. Further, Applicant reserves the right to establish patentability over the listed documents.

It is respectfully requested that the references listed on the attached form PTO/SB/08A be expressly considered by the Examiner, made of record in the application, and appear among the "References Cited" on any patent to issue therefrom.

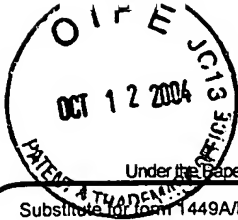
This Information Disclosure Statement ("IDS") is being submitted prior to the mailing of a first Office Action on the merits in this application. Accordingly, it is believed that no fees are due for consideration of this IDS. However, should any fees be due under 37 C.F.R. §1.16 or §1.17 or otherwise, the Commissioner is hereby authorized to charge these fees and any other additional fees which may be required during the entire pendency of this application, or to credit any overpayment, to Deposit Account No. 11-0855.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'M. J. Turton', is written over a horizontal line.

Michael J. Turton  
Reg. No. 40,852

KILPATRICK STOCKTON LLP  
1100 Peachtree Street, Suite 2800  
Atlanta, Georgia 30309  
404.815.6061  
Attorney Docket No.: 53051/294540



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

### Complete if Known

Application Number	10/815,074
Filing Date	March 31, 2004
First Named Inventor	Stephen Lawrence, et al.
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	53051/294540

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US- 6,006,222	12/21/1999	Culliss	
	2	US- 6,014,665	01/11/2000	Culliss	
	3	US- 6,078,916	06/20/2000	Culliss	
	4	US- 6,182,068	01/30/2001	Culliss	
	5	US- 6,581,056	06/17/2003	Rao	
	6	US- 2003/0167266	09/04/2003	Saldanha et al.	
	7	US- 2004/0143569	07/22/2004	Gross et al.	
	8	US Serial No. - 10/749,440	12/31/2003	Badros et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 4

### Complete if Known

Application Number	10/815,074
Filing Date	March 31, 2004
First Named Inventor	Stephen Lawrence, et al.
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	53051/294540

### NON PATENT LITERATURE DOCUMENTS

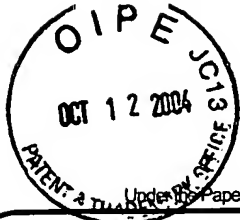
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	9	80-20 Software – Products – 80-20 One Search, <a href="http://www.80-20.com/products/one-search/retriever.asp">http://www.80-20.com/products/one-search/retriever.asp</a> , printed 3/16/2004.	
	10	"askSam™ Making Information Useful," askSam, - Organize your information with askSam, <a href="http://www.asksam.com/brochure.asp">http://www.asksam.com/brochure.asp</a> , printed 3/15/2004.	
	11	Alexa® Web Search – Toolbar Quick Tour, <a href="http://pages.alexa.com/prod_serv/quicktour.html">http://pages.alexa.com/prod_serv/quicktour.html</a> , pp. 1-5, printed 3/16/2004.	
	12	BARRETT, R. et al., "How to Personalize the Web," IBM Research, <a href="http://www.almaden.ibm.com/cs/wbi/papers/chi97/wbi-paper.html">http://www.almaden.ibm.com/cs/wbi/papers/chi97/wbi-paper.html</a> , pp. 1-13, printed 3/16/2004.	
	13	BATTELLE, J., CNN.com "When geeks go camping, ideas hatch," <a href="http://www.cnn.com/2004/TECH/ptech/01/09/bus2.feat.geek.camp/index.html">http://www.cnn.com/2004/TECH/ptech/01/09/bus2.feat.geek.camp/index.html</a> , pp. 1-3, printed 1/13/2004.	
	14	BOYAN, J., et al., "A Machine Learning Architecture for Optimizing Web Search Engines," School of Computer Science, Carnegie Mellon University, May 10, 1996, pp. 1-8.	
	15	BRADENBAUGH, F., "Chapter 1 The Client-Side Search Engine," <i>JavaScript Cookbook</i> , 1 <sup>st</sup> Ed., October 1999, O'REILLY™ Online Catalog, <a href="http://www.oreilly.com/catalog/iscook/chapter/ch01.html">http://www.oreilly.com/catalog/iscook/chapter/ch01.html</a> , pp. 1-30, printed 12/29/2003.	
	16	BRIN, S., et al., "The Anatomy of a Large-Scale Hypertextual Web Search Engine," <a href="http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm">http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm</a> , pp. 1-18, 1998.	
	17	BUDZIK, J., et al., "User Interactions with Everyday Applications as Context for Just-in-time Information Access, Intelligent Information Laboratory, Northwestern University, pp. 1-8, no date.	
	18	DEVONthink, <a href="http://www.devon-technologies.com/products/devonthink.php">http://www.devon-technologies.com/products/devonthink.php</a> , printed 3/16/2004	
	19	dtSearch® - <a href="http://www.dtsearch.com/">http://www.dtsearch.com/</a> , printed 3/15/2004.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/08b(08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 4

**Complete if Known**

Application Number	10/815,074
Filing Date	March 31, 2004
First Named Inventor	Stephen Lawrence, et al.
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	53051/294540

**NON PATENT LITERATURE DOCUMENTS**

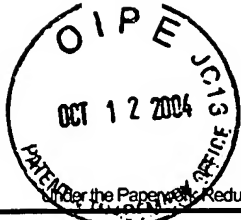
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	20	DUMAIS, S., et al., "Stuff I've Seen: A System for Personal Information Retrieval and Re-Use," Microsoft Research, <i>SIGIR '03</i> , July 28-August 1, 2003, pp. 1-8.	
	21	Enfish, <a href="http://www.enfish.com">http://www.enfish.com</a> , printed 3/16/2004.	
	22	Fast Search & Transfer – Home – Enterprise Search, <a href="http://solutions.altavista.com/en/news/pr_020402_desktop.shtm">http://solutions.altavista.com/en/news/pr_020402_desktop.shtm</a> , printed 3/16/2004.	
	23	FERTIG, S., et al., "Lifestreams: An Alternative to the Desktop Metaphor," <a href="http://www.acm.org/sigchi/chi96/proceedings/videos/Fertig/etf.htm">http://www.acm.org/sigchi/chi96/proceedings/videos/Fertig/etf.htm</a> , pp. 1-3, printed 3/16/2004.	
	24	GEISLER, G., "Enriched Links: A Framework for Improving Web Navigation Using Pop-Up Views," pp.1-14, 2000.	
	25	ISYS Search Software – ISYS: desktop, <a href="http://www.isysusa.com/products/desktop/index.html">http://www.isysusa.com/products/desktop/index.html</a> , printed 3/16/2004.	
	26	JOACHIMS, T., et al., "WebWatcher: A Tour Guide for the World Wide Web," 1996.	
	27	MARKOFF, J., "Google Moves Toward Clash with Microsoft," <i>The New York Times</i> , May 19, 2004, <a href="http://www.nytimes.com/2004/5/19/technology/19google.html?ex=1085964389&amp;ei=1&amp;e...">http://www.nytimes.com/2004/5/19/technology/19google.html?ex=1085964389&amp;ei=1&amp;e...</a> , pp. 1-4, printed 5/19/2004.	
	28	NARAIN, R., "Future of Search Will Make You Dizzy," <i>Enterprise</i> , May 20, 2004, <a href="http://www.internetnews.com/ent-news/article.php/3356831">http://www.internetnews.com/ent-news/article.php/3356831</a> , pp. 1-4, printed 5/21/2004	
	29	"Overview," Stuff I've Seen – Home Page, <a href="http://research.microsoft.com/adapt/sis/index.htm">http://research.microsoft.com/adapt/sis/index.htm</a> , pp. 1-2, printed 5/26/2004.	
	30	RHODES, B., "Margin Notes Building a Contextually Aware Associative Memory," <i>The Proceedings of the International Conference on Intelligent User Interfaces (IUI'00)</i> , January 9-12, 2000.	
	31	RHODES, B., et al., "Just-in-time information retrieval agents," <i>Systems Journal</i> , Vol. 39, Nos. 3&4, 2000, pp. 685-704.	
	32	RHODES, B., et al., "Remembrance Agent – A continuously running automated information retrieval system," <i>The Proceedings of the First International Conference on the Practical Application of Intelligent Agents and Multi Agent Technology (PAAM '96)</i> , pp. 487-495.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 4

**Complete if Known**

Application Number	10/815,074
Filing Date	March 31, 2004
First Named Inventor	Stephen Lawrence, et al.
Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	53051/294540

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	33	RIZZO, T., "WinFS 101: Introducing the New Windows File System," Longhorn Developer Center Home: Headline Archive: WinFS 101: Introducing the New..., <a href="http://msdn.Microsoft.com/Longhorn/archive/default.aspx?pull=/library/en-us/dnwinfs/htm...">http://msdn.Microsoft.com/Longhorn/archive/default.aspx?pull=/library/en-us/dnwinfs/htm...</a> , pp. 1-5, printed 4/21/2004.	
	34	"Searching for the next Google - New trends are helping nimble startups elbow in to the plundered market," RED HERRING - The Business of Technology, March 9, 2004, <a href="http://redherring.com/PrintArticle.aspx?a=4782&amp;sector=Capital">http://redherring.com/PrintArticle.aspx?a=4782&amp;sector=Capital</a> , pg. 1-5, printed 3/30/2004.	
	35	"Selecting Task-Relevant Sources for Just-In-Time Retrieval," pp. 1-3, no date.	
	36	SHERMAN, C., "HotBot's New Desktop Search Toolbar," <a href="http://searchenginewatch.com">www.searchenginewatch.com</a> , <a href="http://searchenginewatch.com/searchday/print.php/34711_339921">http://searchenginewatch.com/searchday/print.php/34711_339921</a> , pp. 1-3, printed 4/14/2004.	
	37	"Standardization Priorities for the Directory - Directory Interoperability Forum White Paper," The Open Group, December 2001, pp. 1-21.	
	38	SULLIVAN, D., "Alta Vista Releases Search Software," <i>The Search Engine Report</i> , August 4, 1998, pp. 1-2.	
	39	WebWatcher Home Page, "Welcome to the WebWatcher Project," <a href="http://www-2.cs.cmu.edu/~webwatcher/">http://www-2.cs.cmu.edu/~webwatcher/</a> , printed 10/15/2003.	
	40	"WhenU Just-In-Time Marketing," <a href="http://www.whenu.com">http://www.whenu.com</a> , printed 3/19/2004.	
	41	X1 instantly searches files & email. For outlook, Outlook, <a href="http://www.x1.com/">http://www.x1.com/</a> , printed 3/15/2004.	
	42	ZELLWEGER, P., et al., "Fluid Links for Informed and Incremental Link Transitions," Proceedings of Hypertext'98, Pittsburgh, PA, June 20-24, 1998, pp.50-57.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.